

**Claims:** I claim as my invention a novel method by which computer programs are run:

- a meta-data database provides for information regarding each process' archetype (specifically including a description of each process, how to run it, its input arguments/parameters, if any, and their types, its results, if any, and their types);
- a "process queue", which also resides in a database, provides for pointers to which processes are desired to be run, the run-time values for the arguments/parameters described in the meta-data, and;
- an "execution engine" (sometimes known as a "scheduler" or "daemon") uses this archetypal and process queue data to manage the creation of running instances within the operating system.